

<u>S13848</u>	<u>U</u>	('6733585')!.PN. and computer\$2	20 02 10
<u>S13847</u>	<u>U</u>	('6733585')!.PN.	20 02 10
<u>S13846</u>	<u>U</u>	((('5882953' '6093951')!.PN. and (silicon or si)) and boron	20 02 23
<u>S13845</u>	<u>U</u>	(438/\$.ccls.) and (p or n) and counter near dop\$3 near p and (resistivity or resistance)	20 02 23
<u>S13844</u>	<u>U</u>	(((counter near dop\$3) or counterdope\$3) and Ion near (implanting or implant\$3 or implantation\$2) and (measuring or measure or test\$3) and (resistivity or resistance) and measur\$3) and ( software or program\$2)) and counter near dop\$3 near p	20 02 23
<u>S13843</u>	<u>U</u>	257/\$.ccls. and (p or n) and counter near dop\$3 near p	20 02 23
<u>S13842</u>	<u>U</u>	257/\$.ccls.	20 02 23
<u>S13841</u>	<u>U</u>	(438/\$.ccls.) and (p or n) and counter near dop\$3 near p	20 02 23
<u>S13840</u>	<u>U</u>	(438/\$.ccls.) and ((p or n) and (counter near dop\$3))	20 02 23
<u>S13839</u>	<u>U</u>	('6849483' '6812084' '6806117' '6756274' '6750507' '6724024' '6599840' '6596648' '6596642' '6594193' '6559470' '6461967' '6413822' '6368915' '6309975' '6261964' '6110783' '5985727' '5923987' '5780912' '5753958' '5719422' '5709745' '5650340' '5622880' '5353246' '5272666' '4930347' '4771326' '4470190' '4428783')!.PN. and ((p or n) and (counter near dop\$3))	20 02 23
<u>S13838</u>	<u>U</u>	('6849483' '6812084' '6806117' '6756274' '6750507' '6724024' '6599840' '6596648' '6596642' '6594193' '6559470' '6461967' '6413822' '6368915' '6309975' '6261964' '6110783' '5985727' '5923987' '5780912' '5753958' '5719422' '5709745' '5650340' '5622880' '5353246' '5272666' '4930347' '4771326' '4470190' '4428783')!.PN.	20 02 23
<u>S13837</u>	<u>U</u>	('6733585')!.PN. and (p or n)	20 02 23
<u>S13836</u>	<u>U</u>	('6733585')!.PN. and ((p or n) and (counter near dop\$3))	20 02 23

<u>S13835</u>	<u>U</u>	('6733585')!.PN.	20 02 23
<u>S13834</u>	<u>U</u>	((('5882953' '6093951')!.PN. and (p or n) and (counter near dop\$3))	20 02 22
<u>S13833</u>	<u>U</u>	((('5882953' '6093951')!.PN. and (p or n) and (dopant or dop\$3))	20 02 22
<u>S13832</u>	<u>U</u>	((('5882953' '6093951')!.PN. and (silicon or si) and (p or n) and (dopant or dop\$3))	20 02 22
<u>S13831</u>	<u>U</u>	((('5882953' '6093951')!.PN. and (silicon or si)) and n and p	20 02 22
<u>S13830</u>	<u>U</u>	((('5882953' '6093951')!.PN. and (silicon or si))	20 02 22
<u>S13829</u>	<u>U</u>	('5882953' '6093951')!.PN. and substrate and (silicon or si)	20 02 19
<u>S13828</u>	<u>U</u>	('5882953' '6093951')!.PN.	20 02 19
<u>S13827</u>	<u>U</u>	('6733585')!.PN. and ((counter near doping) or boron)	20 02 17
<u>S13826</u>	<u>U</u>	((('6733585' '6245161' '6206961')!.PN. and (computer\$2 or software or program\$2) and resistivity and (dope or dopant\$2 or doping)) and ((counter near doping) or boron)	20 02 17
<u>S13825</u>	<u>U</u>	counter near doping and (software or computer) and (dope or dopant\$2 or doping) and resistivity	20 02 14
<u>S13824</u>	<u>U</u>	('5987196')!.PN. and (software or computer) and (dope or dopant\$2 or doping) ad resistivity	20 02 14
<u>S13823</u>	<u>U</u>	('5987196')!.PN. and software and (dope or dopant\$2 or doping)	20 02 14
<u>S13822</u>	<u>U</u>	('5987196')!.PN. and software and resistivity and (dope or dopant\$2 or doping)	20 02 14
<u>S13821</u>	<u>U</u>	counter near doping and software	20

			02
			14
<u>S13820</u>	<u>U</u>	counter near doping	20
			02
			14
<u>S13819</u>	<u>U</u>	('6733585' '6245161' '6206961')!.PN. and (computer\$2 or software or program\$2) and resistivity and (dope or dopant\$2 or doping)	20
			02
			13
<u>S13818</u>	<u>U</u>	('6733585' '6245161' '6206961')!.PN. and (computer\$2 or software or program\$2) and silicon and resistivity and (dope or dopant\$2 or doping)	20
			02
			13
<u>S13817</u>	<u>U</u>	('6733585' '6632411' '6599815' '6599360' '6277501' '6245161' '6206961' '6162708' '5904767' '5795381' '5340434')!.PN. and (computer\$2 or software or program\$2)	20
			02
			13
<u>S13816</u>	<u>U</u>	('6733585' '6632411' '6599815' '6599360' '6565822' '6325851' '6277501' '6245161' '6206961' '6197606' '6162708' '5904767' '5902394' '5795381' '5340434')!.PN. and (computer\$2 or software) and silicon and resistivity and (dope or dopant\$2 or doping)	20
			02
			13
<u>S13815</u>	<u>U</u>	('6733585' '6632411' '6599815' '6599360' '6565822' '6325851' '6277501' '6245161' '6206961' '6197606' '6162708' '5904767' '5902394' '5795381' '5340434')!.PN. and (computer\$2 or software) and silicon and resistivity	20
			02
			13
<u>S13814</u>	<u>U</u>	('6733585' '6632411' '6599815' '6599360' '6565822' '6325851' '6277501' '6245161' '6206961' '6197606' '6162708' '5904767' '5902394' '5795381' '5340434')!.PN. and (computer\$2 or software)	20
			02
			13
<u>S13813</u>	<u>U</u>	cz and ingot and software and silicon and resistivity and (computer\$2 or software)	20
			02
			13
<u>S13812</u>	<u>U</u>	cz and ingot and (software or computer) and silicon and resistivity	20
			02
			13
<u>S13811</u>	<u>U</u>	cz and ingot and software and silicon and resistivity and (computer\$2 or software)	20
			02
			13
<u>S13810</u>	<u>U</u>	cz and ingot and software and silicon and resistivity and counter near dop\$	20
			02
			12
<u>S13809</u>	<u>U</u>	cz and ingot and software and silicon and resistivity and (doping or (counter near dop\$3))	20
			02
			12
<u>S13808</u>	<u>U</u>	cz and ingot and software and silicon and resistivity	20
			02
			12
<u>S13807</u>	<u>U</u>	cz and ingot and software and silicon and resistivity	20
			02

<u>S13806</u>	<u>U</u>	cz and ingot and software and silicon and resistivity	12 20 02 12
<u>S13805</u>	<u>U</u>	('20030015131' '20040089225' '6477685' '6638778' '6733585' '20020157598' '6632411 )!.PN. and (computer\$2 or software) and dop\$3 and (resistivity or resistance)	20 02 12
<u>S13804</u>	<u>U</u>	('20030015131' '20040089225' '6477685' '6638778' '6733585' '20020157598' '6632411 )!.PN. and (computer\$2 or software) and dop\$3	20 02 12
<u>S13803</u>	<u>U</u>	('20030015131' '20040089225' '6477685' '6638778' '6733585' '20020157598' '6632411 )!.PN. and (computer\$2 or software)	20 02 12
<u>S13802</u>	<u>U</u>	('20030015131' '20040089225' '6477685' '6638778' '6733585' '20020157598' '6632411 )!.PN. and (computer\$2 or software) and (resistivity or resistance)	20 02 12
<u>S13801</u>	<u>U</u>	('20030015131' '20040089225' '6477685' '6638778' '6733585' '20020157598' '6632411 )!.PN.	20 02 11
<u>S13800</u>	<u>U</u>	('20030015131' '20040089225' '6477685' '6638778' '6733585' '20020157598' '6632411 )!.PN.	20 02 11
<u>S13799</u>	<u>U</u>	20030015131	20 02 11
<u>S13798</u>	<u>U</u>	silicon near wafer near method near determining near production	200: 02 11:5
<u>S13797</u>	<u>U</u>	(2003/0015131)!.PN.	200: 02-C 11:5
<u>S13796</u>	<u>U</u>	us 2003/0015131	200: 02-C 11:5
<u>S13795</u>	<u>U</u>	0015131	200: 02-C 11:4
<u>S13794</u>	<u>U</u>	0015131	200: 02-C 11:4
<u>S13793</u>	<u>U</u>	('6849483' '6812084' '6806117' '6756274' '6750507' '6724024' '6599840' '6596648' '6596642' '6594193' '6559470' '6461967' '6413822' '6368915')	200: 02-C

		'6309975' '6261964' '6110783' '5985727' '5923987' '5780912' '5753958' '5719422' '5709745' '5650340' '5622880' '5353246' '5272666' '4930347' '4771326' '4470190' '4428783')!.PN. and (computer\$2 or software or program\$2)	01:C
<u>S13792</u>	<u>U</u>	('6812084' '6368915')!.PN. and ( software or program\$2)	200: 02-C 01:C
<u>S13791</u>	<u>U</u>	((counter near dop\$3) or counterdope\$3) and Ion near (implanting or implant\$3 or implantation\$2) and (measuring or measure or test\$3) and (resistivity or resistance) and measur\$3) and ( software or program\$2)	200: 02-C 01:C
<u>S13790</u>	<u>U</u>	((counter near dop\$3) or counterdope\$3) and Ion near (implanting or implant\$3 or implantation\$2) and (measuring or measure or test\$3) and (resistivity or resistance) and measur\$3) and (computer\$2 or software or program\$2)	200: 02-C 01:C
<u>S13789</u>	<u>U</u>	((counter near dop\$3) or counterdope\$3) and Ion near (implanting or implant\$3 or implantation\$2) and (measuring or measure or test\$3) and (resistivity or resistance) and measur\$3) and (computer\$2 or controller or software or program\$2)	200: 02-C 00:5
<u>S13788</u>	<u>U</u>	('6093951' '5882953')!.PN. and n and dopant\$3	200: 02-C 00:5
<u>S13787</u>	<u>U</u>	('6093951' '5882953')!.PN. and n	200: 02-C 00:5
<u>S13786</u>	<u>U</u>	('6093951' '5882953')!.PN. and (silicon or si)	200: 02-C 00:5
<u>S13785</u>	<u>U</u>	('6093951' '5882953')!.PN. and prob\$3	200: 02-C 00:4
<u>S13784</u>	<u>U</u>	('6093951' '5882953')!.PN. and (computer\$3 or control\$3)	200: 02-C 00:4
<u>S13783</u>	<u>U</u>	('6093951' '5882953')!.PN. and diffus\$4 and ion\$2	200: 02-C 00:4
<u>S13782</u>	<u>U</u>	('6093951' '5882953')!.PN. and (implantation\$2 or implant\$3) and ion\$2	200: 02-C 00:2
<u>S13781</u>	<u>U</u>	('6093951' '5882953')!.PN. and compar\$4	200: 02-C 23:3
<u>S13780</u>	<u>U</u>	('6093951' '5882953')!.PN. and (implantation\$2 or implant\$3)	200: 02-C

<u>S13779</u>	<u>U</u>	('6093951' '5882953')!.PN.	23:2 200: 02-( 23:2
<u>S13778</u>	<u>U</u>	('6093951' '6199484')!.PN. and ((counter near dop\$3) or counterdope\$3) and (resistivity or resistance)	200: 02-( 22:2
<u>S13777</u>	<u>U</u>	('6093951' '6199484')!.PN. and ((counter near dop\$3) or counterdope\$3)	200: 02-( 22:2
<u>S13776</u>	<u>U</u>	('6093951' '6199484')!.PN. and prob\$3	200: 02-( 21:5
<u>S13775</u>	<u>U</u>	('5882953' '5135885')!.PN. and prob\$3	200: 02-( 21:5
<u>S13774</u>	<u>U</u>	('5882953' '5135885')!.PN. and ( counterdope\$2 or (counter near dop\$3))	200: 02-( 21:5
<u>S13773</u>	<u>U</u>	('5882953' '5135885')!.PN. and (dop\$3 or counterdope\$2 or (counter near dop\$3))	200: 02-( 21:5
<u>S13772</u>	<u>U</u>	('6093951' '6199484')!.PN. and ((counter near dop\$3) or counterdope\$3) and Ion near (implanting or implant\$3 or implantation\$2) and (measuring or measure or test\$3) and (resistivity or resistance) and measur\$3	200: 02-( 21:4
<u>S13771</u>	<u>U</u>	('6093951' '6199484')!.PN. and (location or map\$3 or measur\$3 or layer\$2)	200: 02-( 21:4
<u>S13770</u>	<u>U</u>	('6642076' '6093951' '5923987' '6199484' '5840616')!.PN. and ((counter near dop\$3) or counterdope\$3) and Ion near (implanting or implant\$3 or implantation\$2) and (measuring or measure or test\$3) and (resistivity or resistance) and measur\$3	200: 02-( 21:3
<u>S13769</u>	<u>U</u>	('6642076' '6093951' '5923987' '6199484' '5840616')!.PN.	200: 02-( 21:1
<u>S13768</u>	<u>U</u>	((counter near dop\$3) or counterdope\$3) and Ion near (implanting or implant\$3 or implantation\$2) and (measuring or measure or test\$3) and (resistivity or resistance) and measur\$3	200: 02-( 17:5
<u>S13767</u>	<u>U</u>	((counter near dop\$3) or counterdope\$3) and Ion near (implanting or implant\$3 or implantation\$2) and (measuring or measure or test\$3) and (resistivity or resistance) and (measur\$3 or test\$3)	200: 02-( 17:5
<u>S13766</u>	<u>U</u>	((counter near dop\$3) or counterdope\$3) and Ion near (implanting or implant\$3 or implantation\$2) and (measuring or measure or test\$3) and (resistivity or	200: 02-(

		resistance)	17:5
<u>S13765</u>	<u>U</u>	((counter near dop\$3) or counterdope\$3) and Ion near (implanting or implant\$3 or implantation\$2) and resistivity and (measuring or measure or test\$3) near (resistivity or resistance)	200:02-(17:4
<u>S13764</u>	<u>U</u>	((counter near dop\$3) or counterdope\$3) and Ion near (implanting or implant\$3 or implantation\$2)	200:02-(17:4
<u>S13763</u>	<u>U</u>	438/\$.ccls. and ((counter near dop\$3) or counterdope\$3) and resistivity and (measuring or measure or test\$3) near (resistivity or resistance)	200:02-(17:4
<u>S13762</u>	<u>U</u>	438/\$.ccls. and ((counter near dop\$3) or counterdope\$3)	200:02-(17:4
<u>S13761</u>	<u>U</u>	('6144040')!.PN. and ((counter near dop\$3) or counterdope\$3)	200:02-(17:3
<u>S13760</u>	<u>U</u>	('6144040')!.PN. and (map\$3 or measur\$3 or measurement\$3) and dop\$3 and (implanting or implant\$3 or implantation\$2)	200:02-(17:3
<u>S13759</u>	<u>U</u>	('6144040')!.PN. and (map\$3 or measur\$3 or measurement\$3) and dop\$3	200:02-(17:3
<u>S13758</u>	<u>U</u>	('6144040')!.PN. and (map\$3 or measur\$3 or measurement\$3) and dop\$3 and Ion near (implanting or implant\$3 or implantation\$2)	200:02-(17:3
<u>S13757</u>	<u>U</u>	k26 and (map\$3 or measur\$3 or measurement\$3) and dop\$3 and Ion near (implanting or implant\$3 or implantation\$2)	200:02-(17:3
<u>S13756</u>	<u>U</u>	((counter near dop\$3) or counterdope\$3) and measur\$3 near (resistance or resistivity)	200:02-(17:3
<u>S13755</u>	<u>U</u>	((counter near dop\$3) or counterdope\$3) and measur\$3 near 3(resistance or resistivity)	200:02-(17:3
<u>S13754</u>	<u>U</u>	((counter near dop\$3) or counterdope\$3)	200:02-(17:2
<u>S13753</u>	<u>U</u>	(counter near dop\$3 or counterdope\$3)	200:02-(17:2
<u>S13752</u>	<u>U</u>	('5882953'  '5135885')!.PN. and Ion near (implanting or implant\$3 or implantation\$2) and (implanting or implant\$3 or implantation\$2) and dop\$3 and (map\$3 or measur\$3 or measurement\$3)	200:02-(17:0

<u>S13751</u>	<u>U</u>	('5882953'  '5135885')!.PN. and Ion near (implanting or implant\$3 or implantation\$2) and (implanting or implant\$3 or implantation\$2) and dop\$3	200: 02-C 17:0
<u>S13750</u>	<u>U</u>	('5882953'  '5135885')!.PN. and conduct\$5 and dop\$3 and (resistivity or resistance\$2) and (map\$3 or measur\$3 or measurement\$3) and Ion near (implanting or implant\$3 or implantation\$2) and (implanting or implant\$3 or implantation\$2)	200: 02-C 16:4
<u>S13749</u>	<u>U</u>	('5882953'  '5135885')!.PN. and conduct\$5 and dop\$3 and (resistivity or resistance\$2) and (map\$3 or measur\$3 or measurement\$3)	200: 02-C 16:3
<u>S13748</u>	<u>U</u>	('5882953'  '5135885')!.PN. and conduct\$5 and dop\$3 and (resistivity or resistance\$2) and (map\$3 or measur\$3)	200: 02-C 16:1
<u>S13747</u>	<u>U</u>	('5882953'  '5135885')!.PN. and conduct\$5 and dop\$3 and (resistivity or resistance\$2)	200: 02-C 15:2
<u>S13746</u>	<u>U</u>	('5882953'  '5135885')!.PN. and conduct\$5 and (map\$3 or measur\$3) and (resistivity or resistance\$2)	200: 02-C 15:0
<u>S13745</u>	<u>U</u>	('5882953'  '5135885')!.PN. and conduct\$5	200: 02-C 15:0
<u>S13744</u>	<u>U</u>	('5882953'  '5135885'  '4197632')!.PN. and semiconductor near substrate\$2 and (surface\$2 or layer\$2) and conduct\$5	200: 02-C 15:0
<u>S13743</u>	<u>U</u>	('5882953'  '5135885'  '4197632')!.PN. and semiconductor near substrate\$2 and (surface\$2 or layer\$2) and conduct\$4	200: 02-C 15:0
<u>S13742</u>	<u>U</u>	('5882953'  '5135885'  '4197632')!.PN. and semiconductor near substrate\$2 and (surface\$2 or layer\$2)	200: 02-C 14:5
<u>S13741</u>	<u>U</u>	('5882953'  '5135885'  '4197632')!.PN. and semiconductor near substrate\$2 and surface\$2	200: 02-C 14:5
<u>S13740</u>	<u>U</u>	('5882953'  '5135885'  '4197632')!.PN. and resistivity and (measuring or measure or test\$3) near resistivity and dop\$3 and Ion near (implanting or implant\$3 or implantation\$2) and prob\$3 and semiconductor near substrate\$2 and surface\$2	200: 02-C 14:5
<u>S13739</u>	<u>U</u>	('5882953'  '5135885'  '4197632')!.PN. and resistivity and (measuring or measure or test\$3) near resistivity and dop\$3 and Ion near (implanting or implant\$3 or implantation\$2) and prob\$3	200: 02-C 14:2
<u>S13738</u>	<u>U</u>	438/\$.ccls. and semiconductor near substrate\$2 and resistivity and (measuring or measure or test\$3) near resistivity and dop\$3 and Ion near (implanting or implant\$3 or implantation\$2)	200: 02-C 13:5



<u>S13737</u>	<u>U</u>	semiconductor near substrate\$2 and resistivity and (measuring or measure or test\$3) near resistivity and dop\$3 and Ion near (implanting or implant\$3 or implantation\$2)	200: 02-( 13:5
<u>S13736</u>	<u>U</u>	438/\$.ccls. and semiconductor near substrate\$2 and resistivity and (measuring or measure or test\$3) near resistivity and dop\$3	200: 02-( 13:3
<u>S13735</u>	<u>U</u>	438/\$.ccls.	200: 02-( 13:3

<b>S #</b>	<b>Updt</b>	<b>Query</b>	<b>Ti</b>
<u>S13854</u>	<u>U</u>	257/408,255.ccls. and ((counter near dop\$3) or counterdope\$3) and Ion near (implanting or implant\$3 or implantation\$2) and (measuring or measure or test\$3) and (resistivity or resistance) and measur\$3 and ( software or program\$2)	200: 03 19:2
<u>S13853</u>	<u>U</u>	257/408,255.ccls. and ((counter near dop\$3) or counterdope\$3) and Ion near (implanting or implant\$3 or implantation\$2) and (measuring or measure or test\$3) and (resistivity or resistance) and measur\$3	200: 03 19:2
<u>S13852</u>	<u>U</u>	257/408,255.ccls.	200: 03 19:2
<u>S13851</u>	<u>U</u>	438/17,18,974,50,67,76,78,100,101,128,129,131,139,142,144,146,511,517,518,519,526,527,919,529,530,961,542,543,977,546,549,558,560,914,918,149,174,175,176,186,194,246,247,248,249,466,468,473,474,476,477,480,481,510.ccls. and((counter near dop\$3) or counterdope\$3) and Ion near (implanting or implant\$3 or implantation\$2) and(measuring or measure or test\$3) and (resistivity or resistance) and measur\$3 and ( software or program\$2)	200: 03 19:2
<u>S13850</u>	<u>U</u>	438/17,18,974,50,67,76,78,100,101,128,129,131,139,142,144,146,511,517,518,519,526,527,919,529,530,961,542,543,977,546,549,558,560,914,918,149,174,175,176,186,194,246,247,248,249,466,468,473,474,476,477,480,481,510.ccls. and ((counter near dop\$3) or counterdope\$3) and Ion near (implanting or implant\$3 or implantation\$2) and (measuring or measure or test\$3) and (resistivity or resistance) and measur\$3	200: 03 19:2
<u>S13849</u>	<u>U</u>	438/17,18,974,50,67,76,78,100,101,128,129,131,139,142,144,146,511,517,518,519,526,527,919,529,530,961,542,	200: 03

543,977,546,549,558,560,914,918,149,174,175,176,186,194,246,247,248,249,466,  
468,473,474,476,477,480,481,510.ccls.